

Title (en)

TRAIN COMPONENT CRACK DAMAGE DETECTION METHOD AND SYSTEM BASED ON LAMB WAVE IMAGING

Title (de)

VERFAHREN UND SYSTEM ZUR ERKENNUNG VON RISSSCHÄDEN AN ZUGKOMPONENTEN BASIEREND AUF LAMBWELLENABBILDUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTECTION DE DOMMAGE PAR FISSURE D'ÉLÉMENT DE TRAIN SUR LA BASE D'UNE IMAGERIE PAR ONDES DE LAMB

Publication

EP 3783357 A4 20220126 (EN)

Application

EP 19787865 A 20190412

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- CN 201810351382 A 20180417
- CN 2019082493 W 20190412

Abstract (en)

[origin: EP3783357A1] The invention provides a folding and unfolding mechanism for front and rear leg assemblies of a frame and a child safety seat, and belongs to the field of child seats. The folding and unfolding mechanism comprises a folding and unfolding control assembly and a front-rear leg rotating assembly. The front-rear leg rotating assembly comprises a rotating shaft arranged on a seat body and used for rotatably connecting a front leg assembly to the seat body, a rear leg assembly supporting rod used for connecting a rear leg assembly to the seat body, and a rear leg assembly rotating rod arranged on the front leg assembly and used for connecting the rear leg assembly to the front leg assembly, so that the rear leg assembly can rotate reversely when the front leg assembly rotates around the rotating shaft. The child safety seat comprises a seat body, a front leg assembly hinged to the seat body, a rear leg assembly hinged to the front leg assembly, and the folding and unfolding mechanism for front and rear leg assemblies of a frame. According to the folding and unfolding mechanism of the invention, the rear leg assembly can be folded reversely when the front leg assembly rotates to be folded, that is, the front leg assembly and the rear leg assembly are folded on two sides of the seat body, so that the problem of the prior art that the seat body cannot be stably clamped on the front and rear leg assemblies because the front and rear leg assemblies are folded on the same side is solved.

IPC 8 full level

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Citation (search report)

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- See references of WO 2019201178A1

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